

Art Unit: 2624

based on a distance metric, wherein the distance includes at least one of Kullback-Leibler divergence and Arithmetic-Harmonic Sphericity distance, and uses the calculated distance to classify, identify or verify the object”

Amend claim 13 as follows:

At line 1 delete “11” and replace it with “10”

Amend claim 18 as follows:

At line 6, after the limitation “model” insert “, wherein the means for determining calculates a distance from the respective generative model to any other generative model based on a distance metric, wherein the distance metric includes any one of Kullback-Leibler type distances and Arithmetic-Harmonic Sphericity distance, and uses the calculated distance to classify, identify or verify the object”

Amend claim 20 as follows:

At lines ²~~3~~-4, delete the limitation “: the means for determining calculates a distance from the respective generative model to any other generative model based on a distance metric and uses the calculated distance to classify, identify or verify the object; and”

T.J.
5/15/07

Reasons for Allowance

2. Claims 1, 4-10, and 13-20 are allowed. The claims will be renumbered as 1-16.
3. The following is an examiner’s statement of reasons for allowance: the closest prior art of Moreno, et al (including the newly surfaced prior art of Noble: 2005/0100992) does not disclose or fairly suggest, among other things, using the generative model for calculating a distance from the respective generative model to any other generative models based on a distance metric, wherein the distance metric includes any one of Kullback-Leibler type (or divergence) and